

# Quinielas y loterías

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|------|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-----------|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|----|----|----|----|----------------|---------|---------------------|--|----------------|---|--------------|--|----------------|----|-------------|--|----------------|-----|------------|--|----------|-----------|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|----|----|----|----|-----------------|---|-----------------|--|----|----|----|----|----|----|----|----|----|----|----|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|---|------|----|------|----|------|----|------|----------|-----------|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|----|----|----|----|----|----------------|---------|---------------------|--|----------------|---|-----------------|--|----------------|----|----------------|--|----------|-----------|----|----|---|----|----|----|---|----|----|----|---|----|----|----|---|----|----|
| <div>NACIONAL LA PREVIA (UPVY)</div> <table><tr><td><b>1</b></td><td><b>4153</b></td><td>11</td><td>2361</td></tr><tr><td>2</td><td>7120</td><td>12</td><td>0742</td></tr><tr><td>3</td><td>4916</td><td>13</td><td>1841</td></tr><tr><td>4</td><td>6117</td><td>14</td><td>1377</td></tr><tr><td>5</td><td>2827</td><td>15</td><td>3562</td></tr><tr><td>6</td><td>7420</td><td>16</td><td>7008</td></tr><tr><td>7</td><td>9689</td><td>17</td><td>1480</td></tr><tr><td>8</td><td>2298</td><td>18</td><td>8552</td></tr><tr><td>9</td><td>2606</td><td>19</td><td>5379</td></tr><tr><td>10</td><td>8315</td><td>20</td><td>1603</td></tr></table> <div>PROVINCIAL LA PREVIA</div> <table><tr><td><b>1</b></td><td><b>8266</b></td><td>11</td><td>6055</td></tr><tr><td>2</td><td>8427</td><td>12</td><td>5679</td></tr><tr><td>3</td><td>3353</td><td>13</td><td>6863</td></tr><tr><td>4</td><td>6240</td><td>14</td><td>6624</td></tr><tr><td>5</td><td>8942</td><td>15</td><td>1293</td></tr><tr><td>6</td><td>1687</td><td>16</td><td>8118</td></tr><tr><td>7</td><td>8497</td><td>17</td><td>4612</td></tr><tr><td>8</td><td>9151</td><td>18</td><td>6176</td></tr><tr><td>9</td><td>7122</td><td>19</td><td>8545</td></tr><tr><td>10</td><td>8704</td><td>20</td><td>3935</td></tr></table> <div>SANTA FE LA PREVIA</div> <table><tr><td><b>1</b></td><td><b>6438</b></td><td>11</td><td>8511</td></tr><tr><td>2</td><td>7032</td><td>12</td><td>1538</td></tr><tr><td>3</td><td>3020</td><td>13</td><td>3599</td></tr><tr><td>4</td><td>6661</td><td>14</td><td>1065</td></tr><tr><td>5</td><td>9697</td><td>15</td><td>7163</td></tr><tr><td>6</td><td>7778</td><td>16</td><td>9021</td></tr><tr><td>7</td><td>1526</td><td>17</td><td>5940</td></tr><tr><td>8</td><td>3054</td><td>18</td><td>3547</td></tr><tr><td>9</td><td>9053</td><td>19</td><td>2508</td></tr><tr><td>10</td><td>6171</td><td>20</td><td>8731</td></tr></table> <div>CÓRDOBA LA PREVIA</div> <table><tr><td><b>1</b></td><td><b>2429</b></td><td>11</td><td>0729</td></tr><tr><td>2</td><td>8221</td><td>12</td><td>4019</td></tr><tr><td>3</td><td>1396</td><td>13</td><td>6445</td></tr><tr><td>4</td><td>3496</td><td>14</td><td>4647</td></tr><tr><td>5</td><td>5099</td><td>15</td><td>5941</td></tr><tr><td>6</td><td>1625</td><td>16</td><td>1584</td></tr><tr><td>7</td><td>5809</td><td>17</td><td>4121</td></tr><tr><td>8</td><td>1840</td><td>18</td><td>7102</td></tr><tr><td>9</td><td>7966</td><td>19</td><td>9595</td></tr><tr><td>10</td><td>4401</td><td>20</td><td>0138</td></tr></table> <div>ENTRE RÍOS LA PREVIA</div> <table><tr><td><b>1</b></td><td><b>6924</b></td><td>11</td><td>3804</td></tr><tr><td>2</td><td>4708</td><td>12</td><td>7888</td></tr><tr><td>3</td><td>9537</td><td>13</td><td>0081</td></tr><tr><td>4</td><td>0982</td><td>14</td><td>4199</td></tr><tr><td>5</td><td>0918</td><td>15</td><td>2330</td></tr><tr><td>6</td><td>0609</td><td>16</td><td>9893</td></tr><tr><td>7</td><td>2907</td><td>17</td><td>1207</td></tr><tr><td>8</td><td>3090</td><td>18</td><td>6800</td></tr><tr><td>9</td><td>0122</td><td>19</td><td>2517</td></tr><tr><td>10</td><td>4600</td><td>20</td><td>2518</td></tr></table> | <b>1</b>    | <b>4153</b> | 11   | 2361 | 2 | 7120 | 12 | 0742 | 3 | 4916 | 13 | 1841 | 4 | 6117 | 14 | 1377 | 5 | 2827 | 15 | 3562 | 6 | 7420 | 16 | 7008 | 7 | 9689 | 17 | 1480 | 8 | 2298 | 18 | 8552 | 9 | 2606 | 19 | 5379 | 10 | 8315 | 20 | 1603 | <b>1</b> | <b>8266</b> | 11 | 6055 | 2 | 8427 | 12 | 5679 | 3 | 3353 | 13 | 6863 | 4 | 6240 | 14 | 6624 | 5 | 8942 | 15 | 1293 | 6 | 1687 | 16 | 8118 | 7 | 8497 | 17 | 4612 | 8 | 9151 | 18 | 6176 | 9 | 7122 | 19 | 8545 | 10 | 8704 | 20 | 3935 | <b>1</b> | <b>6438</b> | 11 | 8511 | 2 | 7032 | 12 | 1538 | 3 | 3020 | 13 | 3599 | 4 | 6661 | 14 | 1065 | 5 | 9697 | 15 | 7163 | 6 | 7778 | 16 | 9021 | 7 | 1526 | 17 | 5940 | 8 | 3054 | 18 | 3547 | 9 | 9053 | 19 | 2508 | 10 | 6171 | 20 | 8731 | <b>1</b> | <b>2429</b> | 11 | 0729 | 2 | 8221 | 12 | 4019 | 3 | 1396 | 13 | 6445 | 4 | 3496 | 14 | 4647 | 5 | 5099 | 15 | 5941 | 6 | 1625 | 16 | 1584 | 7 | 5809 | 17 | 4121 | 8 | 1840 | 18 | 7102 | 9 | 7966 | 19 | 9595 | 10 | 4401 | 20 | 0138 | <b>1</b> | <b>6924</b> | 11 | 3804 | 2 | 4708 | 12 | 7888 | 3 | 9537 | 13 | 0081 | 4 | 0982 | 14 | 4199 | 5 | 0918 | 15 | 2330 | 6 | 0609 | 16 | 9893 | 7 | 2907 | 17 | 1207 | 8 | 3090 | 18 | 6800 | 9 | 0122 | 19 | 2517 | 10 | 4600 | 20 | 2518 | <div>NACIONAL PRIMERA (FKWZ)</div> <table><tr><td><b>1</b></td><td><b>3171</b></td><td>11</td><td>6536</td></tr><tr><td>2</td><td>0447</td><td>12</td><td>9521</td></tr><tr><td>3</td><td>8051</td><td>13</td><td>4807</td></tr><tr><td>4</td><td>1331</td><td>14</td><td>3949</td></tr><tr><td>5</td><td>1030</td><td>15</td><td>5849</td></tr><tr><td>6</td><td>0120</td><td>16</td><td>4440</td></tr><tr><td>7</td><td>9599</td><td>17</td><td>5177</td></tr><tr><td>8</td><td>6760</td><td>18</td><td>8783</td></tr><tr><td>9</td><td>5656</td><td>19</td><td>8723</td></tr><tr><td>10</td><td>6105</td><td>20</td><td>6091</td></tr></table> <div>PROVINCIAL PRIMERA</div> <table><tr><td><b>1</b></td><td><b>7048</b></td><td>11</td><td>4982</td></tr><tr><td>2</td><td>6301</td><td>12</td><td>5554</td></tr><tr><td>3</td><td>7509</td><td>13</td><td>0248</td></tr><tr><td>4</td><td>7412</td><td>14</td><td>0548</td></tr><tr><td>5</td><td>3634</td><td>15</td><td>1569</td></tr><tr><td>6</td><td>5396</td><td>16</td><td>0187</td></tr><tr><td>7</td><td>5837</td><td>17</td><td>2646</td></tr><tr><td>8</td><td>7912</td><td>18</td><td>9818</td></tr><tr><td>9</td><td>5991</td><td>19</td><td>8986</td></tr><tr><td>10</td><td>8151</td><td>20</td><td>0416</td></tr></table> <div>SANTA FE PRIMERA</div> <table><tr><td><b>1</b></td><td><b>0915</b></td><td>11</td><td>2497</td></tr><tr><td>2</td><td>0329</td><td>12</td><td>6046</td></tr><tr><td>3</td><td>4619</td><td>13</td><td>6974</td></tr><tr><td>4</td><td>5470</td><td>14</td><td>9289</td></tr><tr><td>5</td><td>3958</td><td>15</td><td>5425</td></tr><tr><td>6</td><td>7241</td><td>16</td><td>8005</td></tr><tr><td>7</td><td>7400</td><td>17</td><td>9529</td></tr><tr><td>8</td><td>3702</td><td>18</td><td>6409</td></tr><tr><td>9</td><td>7793</td><td>19</td><td>9995</td></tr><tr><td>10</td><td>1668</td><td>20</td><td>8886</td></tr></table> <div>CÓRDOBA PRIMERA</div> <table><tr><td><b>1</b></td><td><b>9694</b></td><td>11</td><td>8667</td></tr><tr><td>2</td><td>7534</td><td>12</td><td>6008</td></tr><tr><td>3</td><td>9014</td><td>13</td><td>9652</td></tr><tr><td>4</td><td>1326</td><td>14</td><td>9808</td></tr><tr><td>5</td><td>5295</td><td>15</td><td>6925</td></tr><tr><td>6</td><td>9268</td><td>16</td><td>2588</td></tr><tr><td>7</td><td>9576</td><td>17</td><td>7771</td></tr><tr><td>8</td><td>3468</td><td>18</td><td>8711</td></tr><tr><td>9</td><td>8921</td><td>19</td><td>7649</td></tr><tr><td>10</td><td>2481</td><td>20</td><td>3922</td></tr></table> <div>ENTRE RÍOS PRIMERA</div> <table><tr><td><b>1</b></td><td><b>2293</b></td><td>11</td><td>8157</td></tr><tr><td>2</td><td>1008</td><td>12</td><td>0829</td></tr><tr><td>3</td><td>9440</td><td>13</td><td>8456</td></tr><tr><td>4</td><td>7199</td><td>14</td><td>1320</td></tr><tr><td>5</td><td>6041</td><td>15</td><td>9866</td></tr><tr><td>6</td><td>3246</td><td>16</td><td>7650</td></tr><tr><td>7</td><td>0612</td><td>17</td><td>2607</td></tr><tr><td>8</td><td>2444</td><td>18</td><td>2293</td></tr><tr><td>9</td><td>4477</td><td>19</td><td>4776</td></tr><tr><td>10</td><td>1179</td><td>20</td><td>7875</td></tr></table> | <b>1</b> | <b>3171</b> | 11 | 6536 | 2 | 0447 | 12 | 9521 | 3 | 8051 | 13 | 4807 | 4 | 1331 | 14 | 3949 | 5 | 1030 | 15 | 5849 | 6 | 0120 | 16 | 4440 | 7 | 9599 | 17 | 5177 | 8 | 6760 | 18 | 8783 | 9 | 5656 | 19 | 8723 | 10 | 6105 | 20 | 6091 | <b>1</b> | <b>7048</b> | 11 | 4982 | 2 | 6301 | 12 | 5554 | 3 | 7509 | 13 | 0248 | 4 | 7412 | 14 | 0548 | 5 | 3634 | 15 | 1569 | 6 | 5396 | 16 | 0187 | 7 | 5837 | 17 | 2646 | 8 | 7912 | 18 | 9818 | 9 | 5991 | 19 | 8986 | 10 | 8151 | 20 | 0416 | <b>1</b> | <b>0915</b> | 11 | 2497 | 2 | 0329 | 12 | 6046 | 3 | 4619 | 13 | 6974 | 4 | 5470 | 14 | 9289 | 5 | 3958 | 15 | 5425 | 6 | 7241 | 16 | 8005 | 7 | 7400 | 17 | 9529 | 8 | 3702 | 18 | 6409 | 9 | 7793 | 19 | 9995 | 10 | 1668 | 20 | 8886 | <b>1</b> | <b>9694</b> | 11 | 8667 | 2 | 7534 | 12 | 6008 | 3 | 9014 | 13 | 9652 | 4 | 1326 | 14 | 9808 | 5 | 5295 | 15 | 6925 | 6 | 9268 | 16 | 2588 | 7 | 9576 | 17 | 7771 | 8 | 3468 | 18 | 8711 | 9 | 8921 | 19 | 7649 | 10 | 2481 | 20 | 3922 | <b>1</b> | <b>2293</b> | 11 | 8157 | 2 | 1008 | 12 | 0829 | 3 | 9440 | 13 | 8456 | 4 | 7199 | 14 | 1320 | 5 | 6041 | 15 | 9866 | 6 | 3246 | 16 | 7650 | 7 | 0612 | 17 | 2607 | 8 | 2444 | 18 | 2293 | 9 | 4477 | 19 | 4776 | 10 | 1179 | 20 | 7875 | <div>NACIONAL MATUTINA (UFJW)</div> <table><tr><td><b>1</b></td><td><b>6450</b></td><td>11</td><td>1845</td></tr><tr><td>2</td><td>2305</td><td>12</td><td>7994</td></tr><tr><td>3</td><td>1005</td><td>13</td><td>1478</td></tr><tr><td>4</td><td>1164</td><td>14</td><td>7095</td></tr><tr><td>5</td><td>4621</td><td>15</td><td>8301</td></tr><tr><td>6</td><td>3756</td><td>16</td><td>9978</td></tr><tr><td>7</td><td>9095</td><td>17</td><td>3942</td></tr><tr><td>8</td><td>5119</td><td>18</td><td>4482</td></tr><tr><td>9</td><td>7544</td><td>19</td><td>4812</td></tr><tr><td>10</td><td>8037</td><td>20</td><td>3290</td></tr></table> <div>PROVINCIAL MATUTINA</div> <table><tr><td><b>1</b></td><td><b>1565</b></td><td>11</td><td>5962</td></tr><tr><td>2</td><td>9324</td><td>12</td><td>2560</td></tr><tr><td>3</td><td>4245</td><td>13</td><td>0575</td></tr><tr><td>4</td><td>3577</td><td>14</td><td>4345</td></tr><tr><td>5</td><td>8787</td><td>15</td><td>7598</td></tr><tr><td>6</td><td>1763</td><td>16</td><td>0774</td></tr><tr><td>7</td><td>3309</td><td>17</td><td>5989</td></tr><tr><td>8</td><td>8082</td><td>18</td><td>6524</td></tr><tr><td>9</td><td>5749</td><td>19</td><td>0429</td></tr><tr><td>10</td><td>2731</td><td>20</td><td>9980</td></tr></table> <div>SANTA FE MATUTINA</div> <table><tr><td><b>1</b></td><td><b>5117</b></td><td>11</td><td>5766</td></tr><tr><td>2</td><td>4998</td><td>12</td><td>5938</td></tr><tr><td>3</td><td>3025</td><td>13</td><td>8217</td></tr><tr><td>4</td><td>5599</td><td>14</td><td>3991</td></tr><tr><td>5</td><td>5015</td><td>15</td><td>5439</td></tr><tr><td>6</td><td>8879</td><td>16</td><td>8041</td></tr><tr><td>7</td><td>5009</td><td>17</td><td>4127</td></tr><tr><td>8</td><td>4266</td><td>18</td><td>6572</td></tr><tr><td>9</td><td>3817</td><td>19</td><td>3884</td></tr><tr><td>10</td><td>0590</td><td>20</td><td>6215</td></tr></table> <div>CÓRDOBA MATUTINA</div> <table><tr><td><b>1</b></td><td><b>3705</b></td><td>11</td><td>8734</td></tr><tr><td>2</td><td>5597</td><td>12</td><td>8947</td></tr><tr><td>3</td><td>3877</td><td>13</td><td>9142</td></tr><tr><td>4</td><td>9524</td><td>14</td><td>7520</td></tr><tr><td>5</td><td>0010</td><td>15</td><td>4799</td></tr><tr><td>6</td><td>7997</td><td>16</td><td>5586</td></tr><tr><td>7</td><td>6636</td><td>17</td><td>6747</td></tr><tr><td>8</td><td>7755</td><td>18</td><td>6667</td></tr><tr><td>9</td><td>1686</td><td>19</td><td>9863</td></tr><tr><td>10</td><td>4748</td><td>20</td><td>7696</td></tr></table> <div>ENTRE RÍOS MATUTINA</div> <table><tr><td><b>1</b></td><td><b>6447</b></td><td>11</td><td>5337</td></tr><tr><td>2</td><td>3038</td><td>12</td><td>1173</td></tr><tr><td>3</td><td>9261</td><td>13</td><td>5740</td></tr><tr><td>4</td><td>3762</td><td>14</td><td>4396</td></tr><tr><td>5</td><td>9160</td><td>15</td><td>9654</td></tr><tr><td>6</td><td>4472</td><td>16</td><td>7825</td></tr><tr><td>7</td><td>5607</td><td>17</td><td>8702</td></tr><tr><td>8</td><td>5664</td><td>18</td><td>4259</td></tr><tr><td>9</td><td>8763</td><td>19</td><td>5159</td></tr><tr><td>10</td><td>3229</td><td>20</td><td>5149</td></tr></table> | <b>1</b> | <b>6450</b> | 11 | 1845 | 2 | 2305 | 12 | 7994 | 3 | 1005 | 13 | 1478 | 4 | 1164 | 14 | 7095 | 5 | 4621 | 15 | 8301 | 6 | 3756 | 16 | 9978 | 7 | 9095 | 17 | 3942 | 8 | 5119 | 18 | 4482 | 9 | 7544 | 19 | 4812 | 10 | 8037 | 20 | 3290 | <b>1</b> | <b>1565</b> | 11 | 5962 | 2 | 9324 | 12 | 2560 | 3 | 4245 | 13 | 0575 | 4 | 3577 | 14 | 4345 | 5 | 8787 | 15 | 7598 | 6 | 1763 | 16 | 0774 | 7 | 3309 | 17 | 5989 | 8 | 8082 | 18 | 6524 | 9 | 5749 | 19 | 0429 | 10 | 2731 | 20 | 9980 | <b>1</b> | <b>5117</b> | 11 | 5766 | 2 | 4998 | 12 | 5938 | 3 | 3025 | 13 | 8217 | 4 | 5599 | 14 | 3991 | 5 | 5015 | 15 | 5439 | 6 | 8879 | 16 | 8041 | 7 | 5009 | 17 | 4127 | 8 | 4266 | 18 | 6572 | 9 | 3817 | 19 | 3884 | 10 | 0590 | 20 | 6215 | <b>1</b> | <b>3705</b> | 11 | 8734 | 2 | 5597 | 12 | 8947 | 3 | 3877 | 13 | 9142 | 4 | 9524 | 14 | 7520 | 5 | 0010 | 15 | 4799 | 6 | 7997 | 16 | 5586 | 7 | 6636 | 17 | 6747 | 8 | 7755 | 18 | 6667 | 9 | 1686 | 19 | 9863 | 10 | 4748 | 20 | 7696 | <b>1</b> | <b>6447</b> | 11 | 5337 | 2 | 3038 | 12 | 1173 | 3 | 9261 | 13 | 5740 | 4 | 3762 | 14 | 4396 | 5 | 9160 | 15 | 9654 | 6 | 4472 | 16 | 7825 | 7 | 5607 | 17 | 8702 | 8 | 5664 | 18 | 4259 | 9 | 8763 | 19 | 5159 | 10 | 3229 | 20 | 5149 | <div>NACIONAL VESPERTINA (HJJM)</div> <table><tr><td><b>1</b></td><td><b>6625</b></td><td>11</td><td>8537</td></tr><tr><td>2</td><td>2424</td><td>12</td><td>2694</td></tr><tr><td>3</td><td>6586</td><td>13</td><td>9002</td></tr><tr><td>4</td><td>8413</td><td>14</td><td>5881</td></tr><tr><td>5</td><td>8282</td><td>15</td><td>0511</td></tr><tr><td>6</td><td>3211</td><td>16</td><td>6120</td></tr><tr><td>7</td><td>3273</td><td>17</td><td>6921</td></tr><tr><td>8</td><td>7066</td><td>18</td><td>9532</td></tr><tr><td>9</td><td>7560</td><td>19</td><td>6915</td></tr><tr><td>10</td><td>4203</td><td>20</td><td>0842</td></tr></table> <div>PROVINCIAL VESPERTINA</div> <table><tr><td><b>1</b></td><td><b>2453</b></td><td>11</td><td>2664</td></tr><tr><td>2</td><td>3073</td><td>12</td><td>1842</td></tr><tr><td>3</td><td>1443</td><td>13</td><td>7149</td></tr><tr><td>4</td><td>2477</td><td>14</td><td>6945</td></tr><tr><td>5</td><td>6246</td><td>15</td><td>7294</td></tr><tr><td>6</td><td>2017</td><td>16</td><td>2811</td></tr><tr><td>7</td><td>5020</td><td>17</td><td>2427</td></tr><tr><td>8</td><td>9504</td><td>18</td><td>6639</td></tr><tr><td>9</td><td>1491</td><td>19</td><td>3803</td></tr><tr><td>10</td><td>5514</td><td>20</td><td>0791</td></tr></table> <div>SANTA FE VESPERTINA</div> <table><tr><td><b>1</b></td><td><b>5759</b></td><td>11</td><td>4871</td></tr><tr><td>2</td><td>7863</td><td>12</td><td>8235</td></tr><tr><td>3</td><td>4528</td><td>13</td><td>2334</td></tr><tr><td>4</td><td>9534</td><td>14</td><td>6000</td></tr><tr><td>5</td><td>6576</td><td>15</td><td>0005</td></tr><tr><td>6</td><td>2779</td><td>16</td><td>9163</td></tr><tr><td>7</td><td>6924</td><td>17</td><td>1809</td></tr><tr><td>8</td><td>4923</td><td>18</td><td>9303</td></tr><tr><td>9</td><td>0781</td><td>19</td><td>7924</td></tr><tr><td>10</td><td>4653</td><td>20</td><td>4876</td></tr></table> <div>CÓRDOBA VESPERTINA</div> <table><tr><td><b>1</b></td><td><b>6529</b></td><td>11</td><td>8846</td></tr><tr><td>2</td><td>0330</td><td>12</td><td>8953</td></tr><tr><td>3</td><td>2999</td><td>13</td><td>0803</td></tr><tr><td>4</td><td>8710</td><td>14</td><td>5610</td></tr><tr><td>5</td><td>0927</td><td>15</td><td>1157</td></tr><tr><td>6</td><td>4329</td><td>16</td><td>4168</td></tr><tr><td>7</td><td>5112</td><td>17</td><td>6325</td></tr><tr><td>8</td><td>1094</td><td>18</td><td>6196</td></tr><tr><td>9</td><td>6032</td><td>19</td><td>6163</td></tr><tr><td>10</td><td>7311</td><td>20</td><td>8841</td></tr></table> <div>ENTRE RÍOS VESPERTINA</div> <table><tr><td><b>1</b></td><td><b>7954</b></td><td>11</td><td>7914</td></tr><tr><td>2</td><td>9854</td><td>12</td><td>3911</td></tr><tr><td>3</td><td>2990</td><td>13</td><td>0314</td></tr><tr><td>4</td><td>3379</td><td>14</td><td>3448</td></tr><tr><td>5</td><td>7338</td><td>15</td><td>1508</td></tr><tr><td>6</td><td>2646</td><td>16</td><td>1428</td></tr><tr><td>7</td><td>5848</td><td>17</td><td>1160</td></tr><tr><td>8</td><td>5402</td><td>18</td><td>3627</td></tr><tr><td>9</td><td>9378</td><td>19</td><td>9103</td></tr><tr><td>10</td><td>0151</td><td>20</td><td>8002</td></tr></table> <div>ENTRE RÍOS NOCTURNA</div> <table><tr><td><b>1</b></td><td><b>8287</b></td><td>11</td><td>3444</td></tr><tr><td>2</td><td>1324</td><td>12</td><td>1294</td></tr><tr><td>3</td><td>7703</td><td>13</td><td>1337</td></tr><tr><td>4</td><td>4059</td><td>14</td><td>8963</td></tr><tr><td>5</td><td>0194</td><td>15</td><td>5056</td></tr><tr><td>6</td><td>1726</td><td>16</td><td>6751</td></tr><tr><td>7</td><td>4008</td><td>17</td><td>7658</td></tr><tr><td>8</td><td>7172</td><td>18</td><td>2400</td></tr><tr><td>9</td><td>8806</td><td>19</td><td>1915</td></tr><tr><td>10</td><td>0095</td><td>20</td><td>7408</td></tr></table> <div>ENTRE RÍOS NOCTURNA</div> <table><tr><td><b>1</b></td><td><b>8287</b></td><td>11</td><td>3444</td></tr><tr><td>2</td><td>1324</td><td>12</td><td>1294</td></tr><tr><td>3</td><td>7703</td><td>13</td><td>1337</td></tr><tr><td>4</td><td>4059</td><td>14</td><td>8963</td></tr><tr><td>5</td><td>0194</td><td>15</td><td>5056</td></tr><tr><td>6</td><td>1726</td><td>16</td><td>6751</td></tr><tr><td>7</td><td>4008</td><td>17</td><td>7658</td></tr><tr><td>8</td><td>7172</td><td>18</td><td>2400</td></tr><tr><td>9</td><td>8806</td><td>19</td><td>1915</td></tr><tr><td>10</td><td>0095</td><td>20</td><td>7408</td></tr></table> | <b>1</b> | <b>6625</b> | 11 | 8537 | 2 | 2424 | 12 | 2694 | 3 | 6586 | 13 | 9002 | 4 | 8413 | 14 | 5881 | 5 | 8282 | 15 | 0511 | 6 | 3211 | 16 | 6120 | 7 | 3273 | 17 | 6921 | 8 | 7066 | 18 | 9532 | 9 | 7560 | 19 | 6915 | 10 | 4203 | 20 | 0842 | <b>1</b> | <b>2453</b> | 11 | 2664 | 2 | 3073 | 12 | 1842 | 3 | 1443 | 13 | 7149 | 4 | 2477 | 14 | 6945 | 5 | 6246 | 15 | 7294 | 6 | 2017 | 16 | 2811 | 7 | 5020 | 17 | 2427 | 8 | 9504 | 18 | 6639 | 9 | 1491 | 19 | 3803 | 10 | 5514 | 20 | 0791 | <b>1</b> | <b>5759</b> | 11 | 4871 | 2 | 7863 | 12 | 8235 | 3 | 4528 | 13 | 2334 | 4 | 9534 | 14 | 6000 | 5 | 6576 | 15 | 0005 | 6 | 2779 | 16 | 9163 | 7 | 6924 | 17 | 1809 | 8 | 4923 | 18 | 9303 | 9 | 0781 | 19 | 7924 | 10 | 4653 | 20 | 4876 | <b>1</b> | <b>6529</b> | 11 | 8846 | 2 | 0330 | 12 | 8953 | 3 | 2999 | 13 | 0803 | 4 | 8710 | 14 | 5610 | 5 | 0927 | 15 | 1157 | 6 | 4329 | 16 | 4168 | 7 | 5112 | 17 | 6325 | 8 | 1094 | 18 | 6196 | 9 | 6032 | 19 | 6163 | 10 | 7311 | 20 | 8841 | <b>1</b> | <b>7954</b> | 11 | 7914 | 2 | 9854 | 12 | 3911 | 3 | 2990 | 13 | 0314 | 4 | 3379 | 14 | 3448 | 5 | 7338 | 15 | 1508 | 6 | 2646 | 16 | 1428 | 7 | 5848 | 17 | 1160 | 8 | 5402 | 18 | 3627 | 9 | 9378 | 19 | 9103 | 10 | 0151 | 20 | 8002 | <b>1</b> | <b>8287</b> | 11 | 3444 | 2 | 1324 | 12 | 1294 | 3 | 7703 | 13 | 1337 | 4 | 4059 | 14 | 8963 | 5 | 0194 | 15 | 5056 | 6 | 1726 | 16 | 6751 | 7 | 4008 | 17 | 7658 | 8 | 7172 | 18 | 2400 | 9 | 8806 | 19 | 1915 | 10 | 0095 | 20 | 7408 | <b>1</b> | <b>8287</b> | 11 | 3444 | 2 | 1324 | 12 | 1294 | 3 | 7703 | 13 | 1337 | 4 | 4059 | 14 | 8963 | 5 | 0194 | 15 | 5056 | 6 | 1726 | 16 | 6751 | 7 | 4008 | 17 | 7658 | 8 | 7172 | 18 | 2400 | 9 | 8806 | 19 | 1915 | 10 | 0095 | 20 | 7408 | <div>NACIONAL NOCTURNA (FGVZ)</div> <table><tr><td><b>1</b></td><td><b>1391</b></td><td>11</td><td>1487</td></tr><tr><td>2</td><td>1593</td><td>12</td><td>6669</td></tr><tr><td>3</td><td>9332</td><td>13</td><td>5817</td></tr><tr><td>4</td><td>2417</td><td>14</td><td>2384</td></tr><tr><td>5</td><td>4492</td><td>15</td><td>2121</td></tr><tr><td>6</td><td>2296</td><td>16</td><td>9861</td></tr><tr><td>7</td><td>9851</td><td>17</td><td>5567</td></tr><tr><td>8</td><td>1317</td><td>18</td><td>9132</td></tr><tr><td>9</td><td>0296</td><td>19</td><td>6363</td></tr><tr><td>10</td><td>3472</td><td>20</td><td>8672</td></tr></table> <div>PROVINCIAL NOCTURNA</div> <table><tr><td><b>1</b></td><td><b>2658</b></td><td>11</td><td>3913</td></tr><tr><td>2</td><td>8138</td><td>12</td><td>9758</td></tr><tr><td>3</td><td>7466</td><td>13</td><td>1238</td></tr><tr><td>4</td><td>8125</td><td>14</td><td>1684</td></tr><tr><td>5</td><td>3340</td><td>15</td><td>2291</td></tr><tr><td>6</td><td>2050</td><td>16</td><td>8202</td></tr><tr><td>7</td><td>5657</td><td>17</td><td>3021</td></tr><tr><td>8</td><td>9940</td><td>18</td><td>7387</td></tr><tr><td>9</td><td>9676</td><td>19</td><td>0386</td></tr><tr><td>10</td><td>5012</td><td>20</td><td>3590</td></tr></table> <div>SANTA FE NOCTURNA</div> <table><tr><td><b>1</b></td><td><b>8040</b></td><td>11</td><td>9505</td></tr><tr><td>2</td><td>9076</td><td>12</td><td>2137</td></tr><tr><td>3</td><td>6316</td><td>13</td><td>5947</td></tr><tr><td>4</td><td>6069</td><td>14</td><td>0951</td></tr><tr><td>5</td><td>9662</td><td>15</td><td>5775</td></tr><tr><td>6</td><td>2017</td><td>16</td><td>9329</td></tr><tr><td>7</td><td>6297</td><td>17</td><td>5541</td></tr><tr><td>8</td><td>3512</td><td>18</td><td>5866</td></tr><tr><td>9</td><td>3251</td><td>19</td><td>2077</td></tr><tr><td>10</td><td>9905</td><td>20</td><td>7899</td></tr></table> <div>SANTA FE NOCTURNA</div> <table><tr><td><b>1</b></td><td><b>8040</b></td><td>11</td><td>9505</td></tr><tr><td>2</td><td>9076</td><td>12</td><td>2137</td></tr><tr><td>3</td><td>6316</td><td>13</td><td>5947</td></tr><tr><td>4</td><td>6069</td><td>14</td><td>0951</td></tr><tr><td>5</td><td>9662</td><td>15</td><td>5775</td></tr><tr><td>6</td><td>2017</td><td>16</td><td>9329</td></tr><tr><td>7</td><td>6297</td><td>17</td><td>5541</td></tr><tr><td>8</td><td>3512</td><td>18</td><td>5866</td></tr><tr><td>9</td><td>3251</td><td>19</td><td>2077</td></tr><tr><td>10</td><td>9905</td><td>20</td><td>7899</td></tr></table> | <b>1</b> | <b>1391</b> | 11 | 1487 | 2 | 1593 | 12 | 6669 | 3 | 9332 | 13 | 5817 | 4 | 2417 | 14 | 2384 | 5 | 4492 | 15 | 2121 | 6 | 2296 | 16 | 9861 | 7 | 9851 | 17 | 5567 | 8 | 1317 | 18 | 9132 | 9 | 0296 | 19 | 6363 | 10 | 3472 | 20 | 8672 | <b>1</b> | <b>2658</b> | 11 | 3913 | 2 | 8138 | 12 | 9758 | 3 | 7466 | 13 | 1238 | 4 | 8125 | 14 | 1684 | 5 | 3340 | 15 | 2291 | 6 | 2050 | 16 | 8202 | 7 | 5657 | 17 | 3021 | 8 | 9940 | 18 | 7387 | 9 | 9676 | 19 | 0386 | 10 | 5012 | 20 | 3590 | <b>1</b> | <b>8040</b> | 11 | 9505 | 2 | 9076 | 12 | 2137 | 3 | 6316 | 13 | 5947 | 4 | 6069 | 14 | 0951 | 5 | 9662 | 15 | 5775 | 6 | 2017 | 16 | 9329 | 7 | 6297 | 17 | 5541 | 8 | 3512 | 18 | 5866 | 9 | 3251 | 19 | 2077 | 10 | 9905 | 20 | 7899 | <b>1</b> | <b>8040</b> | 11 | 9505 | 2 | 9076 | 12 | 2137 | 3 | 6316 | 13 | 5947 | 4 | 6069 | 14 | 0951 | 5 | 9662 | 15 | 5775 | 6 | 2017 | 16 | 9329 | 7 | 6297 | 17 | 5541 | 8 | 3512 | 18 | 5866 | 9 | 3251 | 19 | 2077 | 10 | 9905 | 20 | 7899 | <div>TOMBOLA MATUTINA</div> <table><tr><td><b>1</b></td><td><b>6141</b></td><td>11</td><td>1765</td></tr><tr><td>2</td><td>2270</td><td>12</td><td>7845</td></tr><tr><td>3</td><td>1316</td><td>13</td><td>1835</td></tr><tr><td>4</td><td>1189</td><td>14</td><td>7550</td></tr><tr><td>5</td><td>4548</td><td>15</td><td>8678</td></tr><tr><td>6</td><td>3872</td><td>16</td><td>9065</td></tr><tr><td>7</td><td>9753</td><td>17</td><td>3910</td></tr><tr><td>8</td><td>5139</td><td>18</td><td>4368</td></tr><tr><td>9</td><td>7550</td><td>19</td><td>4468</td></tr><tr><td>10</td><td>8876</td><td>20</td><td>3211</td></tr></table> <div>QUINIELA PLUS</div> <table><tr><td><b>1</b></td><td><b>02</b></td><td>11</td><td>58</td></tr><tr><td>2</td><td>12</td><td>12</td><td>66</td></tr><tr><td>3</td><td>13</td><td>13</td><td>76</td></tr><tr><td>4</td><td>21</td><td>14</td><td>84</td></tr><tr><td>5</td><td>25</td><td>15</td><td>86</td></tr><tr><td>6</td><td>38</td><td>16</td><td>87</td></tr><tr><td>7</td><td>40</td><td>17</td><td>90</td></tr><tr><td>8</td><td>45</td><td>18</td><td>91</td></tr><tr><td>9</td><td>50</td><td>19</td><td>95</td></tr><tr><td>10</td><td>57</td><td>20</td><td>98</td></tr></table> <div>GANADORES</div> <table><tr><td>CON 8 ACIERTOS</td><td>Vacante</td></tr><tr><td>POZO: \$26810898.12</td><td></td></tr><tr><td>CON 7 ACIERTOS</td><td>1</td></tr><tr><td>\$400000 c/u</td><td></td></tr><tr><td>CON 6 ACIERTOS</td><td>48</td></tr><tr><td>\$10000 c/u</td><td></td></tr><tr><td>CON 5 ACIERTOS</td><td>544</td></tr><tr><td>\$1000 c/u</td><td></td></tr></table> <div>SUPER PLUS</div> <table><tr><td><b>1</b></td><td><b>03</b></td><td>11</td><td>46</td></tr><tr><td>2</td><td>12</td><td>12</td><td>50</td></tr><tr><td>3</td><td>16</td><td>13</td><td>56</td></tr><tr><td>4</td><td>20</td><td>14</td><td>73</td></tr><tr><td>5</td><td>22</td><td>15</td><td>74</td></tr><tr><td>6</td><td>26</td><td>16</td><td>81</td></tr><tr><td>7</td><td>30</td><td>17</td><td>82</td></tr><tr><td>8</td><td>33</td><td>18</td><td>96</td></tr><tr><td>9</td><td>35</td><td>19</td><td>97</td></tr><tr><td>10</td><td>39</td><td>20</td><td>99</td></tr></table> <div>GANADORES</div> <table><tr><td>CON 7 ACIERTOS:</td><td>5</td></tr><tr><td>\$441921.60 c/u</td><td></td></tr></table> <div>RECOMENDADOS</div> <table><tr><td>48</td><td>62</td><td>72</td><td>28</td></tr><tr><td>19</td><td>07</td><td>13</td><td>94</td></tr><tr><td>77</td><td>54</td><td>45</td><td>02</td></tr></table> <div>JUEGUE SIN MIEDO</div> <div>51   75</div> <div>NUMERAZO</div> <div>6820</div> <div>(Jugar compulsivamente es perjudicial para la salud)</div> | <b>1</b> | <b>6141</b> | 11 | 1765 | 2 | 2270 | 12 | 7845 | 3 | 1316 | 13 | 1835 | 4 | 1189 | 14 | 7550 | 5 | 4548 | 15 | 8678 | 6 | 3872 | 16 | 9065 | 7 | 9753 | 17 | 3910 | 8 | 5139 | 18 | 4368 | 9 | 7550 | 19 | 4468 | 10 | 8876 | 20 | 3211 | <b>1</b> | <b>02</b> | 11 | 58 | 2 | 12 | 12 | 66 | 3 | 13 | 13 | 76 | 4 | 21 | 14 | 84 | 5 | 25 | 15 | 86 | 6 | 38 | 16 | 87 | 7 | 40 | 17 | 90 | 8 | 45 | 18 | 91 | 9 | 50 | 19 | 95 | 10 | 57 | 20 | 98 | CON 8 ACIERTOS | Vacante | POZO: \$26810898.12 |  | CON 7 ACIERTOS | 1 | \$400000 c/u |  | CON 6 ACIERTOS | 48 | \$10000 c/u |  | CON 5 ACIERTOS | 544 | \$1000 c/u |  | <b>1</b> | <b>03</b> | 11 | 46 | 2 | 12 | 12 | 50 | 3 | 16 | 13 | 56 | 4 | 20 | 14 | 73 | 5 | 22 | 15 | 74 | 6 | 26 | 16 | 81 | 7 | 30 | 17 | 82 | 8 | 33 | 18 | 96 | 9 | 35 | 19 | 97 | 10 | 39 | 20 | 99 | CON 7 ACIERTOS: | 5 | \$441921.60 c/u |  | 48 | 62 | 72 | 28 | 19 | 07 | 13 | 94 | 77 | 54 | 45 | 02 | <div>TOMBOLA NOCTURNA</div> <table><tr><td><b>1</b></td><td><b>1301</b></td><td>11</td><td>1603</td></tr><tr><td>2</td><td>1730</td><td>12</td><td>6250</td></tr><tr><td>3</td><td>9884</td><td>13</td><td>5051</td></tr><tr><td>4</td><td>2980</td><td>14</td><td>2443</td></tr><tr><td>5</td><td>4780</td><td>15</td><td>2241</td></tr><tr><td>6</td><td>2659</td><td>16</td><td>9965</td></tr><tr><td>7</td><td>9467</td><td>17</td><td>5792</td></tr><tr><td>8</td><td>1858</td><td>18</td><td>9026</td></tr><tr><td>9</td><td>0470</td><td>19</td><td>6529</td></tr><tr><td>10</td><td>3065</td><td>20</td><td>8959</td></tr></table> <div>LA POCEADA</div> <table><tr><td><b>1</b></td><td><b>01</b></td><td>11</td><td>68</td></tr><tr><td>2</td><td>03</td><td>12</td><td>69</td></tr><tr><td>3</td><td>17</td><td>13</td><td>72</td></tr><tr><td>4</td><td>21</td><td>14</td><td>84</td></tr><tr><td>5</td><td>32</td><td>15</td><td>87</td></tr><tr><td>6</td><td>51</td><td>16</td><td>91</td></tr><tr><td>7</td><td>56</td><td>17</td><td>92</td></tr><tr><td>8</td><td>61</td><td>18</td><td>93</td></tr><tr><td>9</td><td>63</td><td>19</td><td>96</td></tr><tr><td>10</td><td>67</td><td>20</td><td>99</td></tr></table> <div>GANADORES</div> <table><tr><td>CON 8 ACIERTOS</td><td>Vacante</td></tr><tr><td>POZO: \$42108265.16</td><td></td></tr><tr><td>CON 7 ACIERTOS</td><td>1</td></tr><tr><td>\$804609.44 c/u</td><td></td></tr><tr><td>CON 6 ACIERTOS</td><td>17</td></tr><tr><td>\$20140.41 c/u</td><td></td></tr></table> <div>CHANCE PLUS</div> <table><tr><td><b>1</b></td><td><b>01</b></td><td>11</td><td>38</td></tr><tr><td>2</td><td>02</td><td>12</td><td>46</td></tr><tr><td>3</td><td>05</td><td>13</td><td>59</td></tr><tr><td>4</td><td>12</td><td>14</td><td>65</td></tr><tr><td>5</td><td>13</td><td>15</td>&lt;</tr></table> | <b>1</b> | <b>1301</b> | 11 | 1603 | 2 | 1730 | 12 | 6250 | 3 | 9884 | 13 | 5051 | 4 | 2980 | 14 | 2443 | 5 | 4780 | 15 | 2241 | 6 | 2659 | 16 | 9965 | 7 | 9467 | 17 | 5792 | 8 | 1858 | 18 | 9026 | 9 | 0470 | 19 | 6529 | 10 | 3065 | 20 | 8959 | <b>1</b> | <b>01</b> | 11 | 68 | 2 | 03 | 12 | 69 | 3 | 17 | 13 | 72 | 4 | 21 | 14 | 84 | 5 | 32 | 15 | 87 | 6 | 51 | 16 | 91 | 7 | 56 | 17 | 92 | 8 | 61 | 18 | 93 | 9 | 63 | 19 | 96 | 10 | 67 | 20 | 99 | CON 8 ACIERTOS | Vacante | POZO: \$42108265.16 |  | CON 7 ACIERTOS | 1 | \$804609.44 c/u |  | CON 6 ACIERTOS | 17 | \$20140.41 c/u |  | <b>1</b> | <b>01</b> | 11 | 38 | 2 | 02 | 12 | 46 | 3 | 05 | 13 | 59 | 4 | 12 | 14 | 65 | 5 | 13 | 15 |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>4153</b> | 11          | 2361 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7120        | 12          | 0742 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4916        | 13          | 1841 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6117        | 14          | 1377 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2827        | 15          | 3562 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7420        | 16          | 7008 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9689        | 17          | 1480 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2298        | 18          | 8552 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2606        | 19          | 5379 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8315        | 20          | 1603 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>8266</b> | 11          | 6055 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8427        | 12          | 5679 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3353        | 13          | 6863 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6240        | 14          | 6624 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8942        | 15          | 1293 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1687        | 16          | 8118 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8497        | 17          | 4612 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9151        | 18          | 6176 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7122        | 19          | 8545 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8704        | 20          | 3935 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>6438</b> | 11          | 8511 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7032        | 12          | 1538 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3020        | 13          | 3599 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6661        | 14          | 1065 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9697        | 15          | 7163 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7778        | 16          | 9021 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1526        | 17          | 5940 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3054        | 18          | 3547 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9053        | 19          | 2508 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6171        | 20          | 8731 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>2429</b> | 11          | 0729 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8221        | 12          | 4019 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1396        | 13          | 6445 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3496        | 14          | 4647 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5099        | 15          | 5941 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1625        | 16          | 1584 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5809        | 17          | 4121 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1840        | 18          | 7102 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7966        | 19          | 9595 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4401        | 20          | 0138 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>6924</b> | 11          | 3804 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4708        | 12          | 7888 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9537        | 13          | 0081 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0982        | 14          | 4199 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0918        | 15          | 2330 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0609        | 16          | 9893 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2907        | 17          | 1207 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3090        | 18          | 6800 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0122        | 19          | 2517 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4600        | 20          | 2518 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>3171</b> | 11          | 6536 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0447        | 12          | 9521 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8051        | 13          | 4807 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1331        | 14          | 3949 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1030        | 15          | 5849 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0120        | 16          | 4440 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9599        | 17          | 5177 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6760        | 18          | 8783 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5656        | 19          | 8723 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6105        | 20          | 6091 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>7048</b> | 11          | 4982 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6301        | 12          | 5554 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7509        | 13          | 0248 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7412        | 14          | 0548 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3634        | 15          | 1569 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5396        | 16          | 0187 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5837        | 17          | 2646 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7912        | 18          | 9818 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5991        | 19          | 8986 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8151        | 20          | 0416 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>0915</b> | 11          | 2497 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0329        | 12          | 6046 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4619        | 13          | 6974 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5470        | 14          | 9289 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3958        | 15          | 5425 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7241        | 16          | 8005 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7400        | 17          | 9529 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3702        | 18          | 6409 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7793        | 19          | 9995 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1668        | 20          | 8886 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>9694</b> | 11          | 8667 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7534        | 12          | 6008 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9014        | 13          | 9652 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1326        | 14          | 9808 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5295        | 15          | 6925 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9268        | 16          | 2588 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9576        | 17          | 7771 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3468        | 18          | 8711 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8921        | 19          | 7649 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2481        | 20          | 3922 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>2293</b> | 11          | 8157 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1008        | 12          | 0829 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9440        | 13          | 8456 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7199        | 14          | 1320 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6041        | 15          | 9866 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3246        | 16          | 7650 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0612        | 17          | 2607 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2444        | 18          | 2293 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4477        | 19          | 4776 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1179        | 20          | 7875 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>6450</b> | 11          | 1845 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2305        | 12          | 7994 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1005        | 13          | 1478 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1164        | 14          | 7095 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4621        | 15          | 8301 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3756        | 16          | 9978 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9095        | 17          | 3942 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5119        | 18          | 4482 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7544        | 19          | 4812 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8037        | 20          | 3290 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>1565</b> | 11          | 5962 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9324        | 12          | 2560 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4245        | 13          | 0575 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3577        | 14          | 4345 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8787        | 15          | 7598 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1763        | 16          | 0774 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3309        | 17          | 5989 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8082        | 18          | 6524 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5749        | 19          | 0429 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2731        | 20          | 9980 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>5117</b> | 11          | 5766 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4998        | 12          | 5938 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3025        | 13          | 8217 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5599        | 14          | 3991 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5015        | 15          | 5439 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8879        | 16          | 8041 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5009        | 17          | 4127 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4266        | 18          | 6572 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3817        | 19          | 3884 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0590        | 20          | 6215 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>3705</b> | 11          | 8734 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5597        | 12          | 8947 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3877        | 13          | 9142 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9524        | 14          | 7520 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0010        | 15          | 4799 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7997        | 16          | 5586 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6636        | 17          | 6747 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7755        | 18          | 6667 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1686        | 19          | 9863 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4748        | 20          | 7696 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>6447</b> | 11          | 5337 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3038        | 12          | 1173 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9261        | 13          | 5740 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3762        | 14          | 4396 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9160        | 15          | 9654 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4472        | 16          | 7825 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5607        | 17          | 8702 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5664        | 18          | 4259 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8763        | 19          | 5159 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3229        | 20          | 5149 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>6625</b> | 11          | 8537 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2424        | 12          | 2694 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6586        | 13          | 9002 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8413        | 14          | 5881 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8282        | 15          | 0511 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3211        | 16          | 6120 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3273        | 17          | 6921 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7066        | 18          | 9532 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7560        | 19          | 6915 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4203        | 20          | 0842 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>2453</b> | 11          | 2664 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3073        | 12          | 1842 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1443        | 13          | 7149 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2477        | 14          | 6945 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6246        | 15          | 7294 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2017        | 16          | 2811 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5020        | 17          | 2427 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9504        | 18          | 6639 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1491        | 19          | 3803 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5514        | 20          | 0791 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>5759</b> | 11          | 4871 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7863        | 12          | 8235 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4528        | 13          | 2334 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9534        | 14          | 6000 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6576        | 15          | 0005 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2779        | 16          | 9163 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6924        | 17          | 1809 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4923        | 18          | 9303 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0781        | 19          | 7924 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4653        | 20          | 4876 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>6529</b> | 11          | 8846 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0330        | 12          | 8953 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2999        | 13          | 0803 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8710        | 14          | 5610 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0927        | 15          | 1157 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4329        | 16          | 4168 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5112        | 17          | 6325 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1094        | 18          | 6196 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6032        | 19          | 6163 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 7311        | 20          | 8841 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>7954</b> | 11          | 7914 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9854        | 12          | 3911 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2990        | 13          | 0314 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3379        | 14          | 3448 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7338        | 15          | 1508 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2646        | 16          | 1428 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5848        | 17          | 1160 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5402        | 18          | 3627 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9378        | 19          | 9103 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0151        | 20          | 8002 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>8287</b> | 11          | 3444 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1324        | 12          | 1294 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7703        | 13          | 1337 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4059        | 14          | 8963 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0194        | 15          | 5056 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1726        | 16          | 6751 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4008        | 17          | 7658 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7172        | 18          | 2400 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8806        | 19          | 1915 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0095        | 20          | 7408 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>8287</b> | 11          | 3444 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1324        | 12          | 1294 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7703        | 13          | 1337 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4059        | 14          | 8963 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0194        | 15          | 5056 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1726        | 16          | 6751 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4008        | 17          | 7658 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7172        | 18          | 2400 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8806        | 19          | 1915 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 0095        | 20          | 7408 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>1391</b> | 11          | 1487 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1593        | 12          | 6669 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9332        | 13          | 5817 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2417        | 14          | 2384 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4492        | 15          | 2121 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2296        | 16          | 9861 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9851        | 17          | 5567 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1317        | 18          | 9132 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0296        | 19          | 6363 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3472        | 20          | 8672 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>2658</b> | 11          | 3913 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8138        | 12          | 9758 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7466        | 13          | 1238 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8125        | 14          | 1684 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3340        | 15          | 2291 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2050        | 16          | 8202 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5657        | 17          | 3021 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9940        | 18          | 7387 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9676        | 19          | 0386 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5012        | 20          | 3590 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>8040</b> | 11          | 9505 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9076        | 12          | 2137 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6316        | 13          | 5947 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6069        | 14          | 0951 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9662        | 15          | 5775 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2017        | 16          | 9329 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6297        | 17          | 5541 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3512        | 18          | 5866 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3251        | 19          | 2077 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9905        | 20          | 7899 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>8040</b> | 11          | 9505 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9076        | 12          | 2137 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6316        | 13          | 5947 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6069        | 14          | 0951 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9662        | 15          | 5775 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2017        | 16          | 9329 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6297        | 17          | 5541 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3512        | 18          | 5866 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3251        | 19          | 2077 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9905        | 20          | 7899 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>6141</b> | 11          | 1765 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2270        | 12          | 7845 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1316        | 13          | 1835 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1189        | 14          | 7550 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4548        | 15          | 8678 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3872        | 16          | 9065 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9753        | 17          | 3910 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5139        | 18          | 4368 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7550        | 19          | 4468 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 8876        | 20          | 3211 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>02</b>   | 11          | 58   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12          | 12          | 66   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 13          | 13          | 76   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 21          | 14          | 84   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 25          | 15          | 86   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 38          | 16          | 87   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 40          | 17          | 90   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 45          | 18          | 91   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 50          | 19          | 95   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 57          | 20          | 98   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| CON 8 ACIERTOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Vacante     |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| POZO: \$26810898.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| CON 7 ACIERTOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1           |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| \$400000 c/u                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| CON 6 ACIERTOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 48          |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| \$10000 c/u                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |             |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| CON 5 ACIERTOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 544         |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| \$1000 c/u                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>03</b>   | 11          | 46   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12          | 12          | 50   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 16          | 13          | 56   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20          | 14          | 73   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 22          | 15          | 74   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 26          | 16          | 81   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 30          | 17          | 82   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 33          | 18          | 96   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 35          | 19          | 97   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 39          | 20          | 99   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| CON 7 ACIERTOS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5           |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| \$441921.60 c/u                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 48                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 62          | 72          | 28   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 07          | 13          | 94   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 54          | 45          | 02   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>1301</b> | 11          | 1603 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1730        | 12          | 6250 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9884        | 13          | 5051 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2980        | 14          | 2443 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4780        | 15          | 2241 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2659        | 16          | 9965 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9467        | 17          | 5792 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1858        | 18          | 9026 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 0470        | 19          | 6529 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3065        | 20          | 8959 |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>01</b>   | 11          | 68   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 03          | 12          | 69   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 17          | 13          | 72   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 21          | 14          | 84   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32          | 15          | 87   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 51          | 16          | 91   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 56          | 17          | 92   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 61          | 18          | 93   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 63          | 19          | 96   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 67          | 20          | 99   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| CON 8 ACIERTOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Vacante     |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| POZO: \$42108265.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |             |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| CON 7 ACIERTOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1           |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| \$804609.44 c/u                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |             |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| CON 6 ACIERTOS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 17          |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| \$20140.41 c/u                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |             |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| <b>1</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>01</b>   | 11          | 38   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 02          | 12          | 46   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 05          | 13          | 59   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 12          | 14          | 65   |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 13          | 15          |      |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |              |  |                |    |             |  |                |     |            |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                 |   |                 |  |    |    |    |    |    |    |    |    |    |    |    |    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |             |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |   |      |    |      |    |      |    |      |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |    |    |    |    |    |                |         |                     |  |                |   |                 |  |                |    |                |  |          |           |    |    |   |    |    |    |   |    |    |    |   |    |    |    |   |    |    |